

What is claimed is:

1. A call connection management equipment for a wireless mobile communication network, comprising:

connection setting means for generating call connection information to perform call connection between an interface and another interface on a wire communication system;

connection registration means for storing said call connection information;

history storage means for storing call connection history;

judgment means for comparing said call connection history with a predetermined condition; and

connection establishment means for establishing call connection between said interface and said other interface based on said call connection information stored in said connection registration means when said call connection history satisfies the predetermined condition, and for establishing call connection between said interface and said other interface based on connection information newly generated by said connection setting means when said call connection history does not satisfy the predetermined condition.

2. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said interface is a wireless base station.

3. The call connection management equipment for a wireless mobile communication network according to Claim 2, wherein said other interface is another wireless base station.

4. The call connection management equipment for a wireless mobile communication network according to Claim 2, wherein said other interface is a gateway switch for connecting said wireless mobile communication network and another communication network.

5. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said interface is a mobile communication controller.

6. The call connection management equipment for a wireless mobile communication network according to Claim 2, wherein said other interface is another mobile communication controller.

7. The call connection management equipment for a wireless mobile communication network according to Claim 2, wherein said other interface is a gateway switch for connecting said wireless mobile communication network and another communication network.

8. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said interface and said other interface are ATM interfaces.

9. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said connection registration means deletes the registration of said connection information when said call connection history is judged as not satisfying the predetermined condition.

10. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said connection registration means deletes the registration of said connection information when said interface
5 to accommodate the calling terminal is switched.

11. The call connection management equipment for a wireless mobile communication network according to Claim 10, wherein said connection registration means deletes the registration of said connection information when a wireless
10 base station to accommodate the calling terminal is switched.

12. The call connection management equipment for a wireless mobile communication network according to Claim 10, wherein said connection registration means deletes the registration of said connection information when said mobile
15 communication controller corresponding to the calling terminal is switched.

13. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said connection registration means deletes the
20 registration of said connection information when said interface to accommodate the called terminal is switched.

14. The call connection management equipment for a wireless mobile communication network according to Claim 13, wherein said connection registration means deletes the
25 registration of said connection information when the wireless base station to accommodate the called terminal is switched.

15. The call connection management equipment for a wireless mobile communication network according to Claim 13, wherein said connection registration means deletes the registration of said connection information when the mobile communication controller corresponding to the called terminal is switched.

16. The call connection management equipment for a wireless mobile communication network according to Claim 1, wherein said history storage means stores said call connection history for each combination of a calling terminal and a called terminal.

17. The call connection management equipment for a wireless mobile communication network according to Claim 16, wherein said call connection history is a connection count between said calling terminal and said called terminal.

18. The call connection management equipment for a wireless mobile communication network according to Claim 16, wherein said call connection history is a cumulative communication time between said calling terminal and said called terminal.

19. The call connection management equipment for a wireless mobile communication network according to Claim 16, wherein said call connection history is a type of service used for communication between said calling terminal and said called terminal.

20. The call connection management equipment for a wireless mobile communication network according to Claim 16,

wherein said call connection history is a distance between said calling terminal and said called terminal.